United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

29184

7590

10/28/2005

CTS CORPORATION 905 W. BLVD. N ELKHART, IN 46514

EXAMINER LEDYNH, BOT L

ART UNIT 2862

PAPER NUMBER

DATE MAILED: 10/28/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,176	12/22/2003	Kurt Etherington	CTS-2410	7294

TITLE OF INVENTION: COMBINATION HALL EFFECT POSITION SENSOR AND SWITCH

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	\$300	\$1700	01/30/2006	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further con indicated unless corrected maintenance fee notification	rrespondence including the I below or directed otherwise as.	Patent, advance or in Block 1, by (a)	ders and noti) specifying a	fication of a new co	of maintenance fees v rrespondence address;	vill be mailed to the current and/or (b) indicating a sep	correspondence address as arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block I for	any change of address)		1	Note: A certificate of Fee(s) Transmittal. The papers. Each additions	mailing can only be used f is certificate cannot be used al paper, such as an assignm	or domestic mailings of the for any other accompanying ent or formal drawing, must
	590 10/28/2005]	have its own certificate	e of mailing or transmission.	3 ,
CTS CORPORA 905 W. BLVD. N ELKHART, IN 46]	Cer I hereby certify that the States Postal Service vaddressed to the Mai transmitted to the USP	rtificate of Mailing or Transis Fee(s) Transmittal is bein with sufficient postage for fil Stop ISSUE FEE address TO (571) 273-2885, on the control of the c	smission g deposited with the United rst class mail in an envelope s above, or being facsimile date indicated below.
·							(Depositor's name)
							(Signature)
				l			(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	O INVENT	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,176	12/22/2003		Kurt Eth	erington		CTS-2410	7294
	OMBINATION HALL EFFI	ECT POSITION SI	ENSOR AND	SWITC	н		
APPLN. TYPE	SMALL ENTITY	ISSUE FE	SE	PUI	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400			\$300	\$1700	01/30/2006
EXAM	IINER	ART UNI	Т	CL	ASS-SUBCLASS]	•
LEDYNI	H, BOT L	2862			324-207200		
CFR 1.363). Change of correspond Address form PTO/SB/1: "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND		Correspondence tion form of a Customer E PRINTED ON T low, no assignee of this form is NOT	(1) the nar or agents (2) the nan registered 2 registere listed, no n HE PATENT data will appera	mes of up DR, altern me of a si attorney d patent name will (print or ear on th for filing	ngle firm (having as a or agent) and the nam attorneys or agents. If be printed.	at attorneys a member a 2 tes of up to no name is 3 tee is identified below, the desired attorneys	locument has been filed for
Please check the appropriate	assignee category or categor	ies (will not be pri	nted on the pa	atent) :	☐ Individual ☐ Co	orporation or other private gr	oup entity Government
a. The following fee(s) are	enclosed:		Payment of				
Issue Fee	mall entity discount permitte				ount of the fee(s) is en		
Advance Order - # of	Copies		The Dire	ctor is he	card. Form PTO-2038 ereby authorized by cl	harge the required fee(s) or	credit any overpayment, to
Change in Entity Status	(from status indicated above		Deposit Acco	ount Num	iber	(enclose an extra c	opy of this form).
_ ` .	MALL ENTITY status. See 3	•	b. Applica	ant is no	longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO NOTE: The Issue Fee and Ponterest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate						
Authorized Signature					Date		
Typed or printed name _					Registration	No	
his collection of information application. Confidential ubmitting the completed aphis form and/or suggestions	on is required by 37 CFR 1.31 ty is governed by 35 U.S.C. plication form to the USPTC for reducing this burden, sh	1. The information 122 and 37 CFR 1 D. Time will vary of build be sent to the	is required t .14. This coll depending up Chief Inform	to obtain lection is on the in nation Of	or retain a benefit by t estimated to take 12 r dividual case. Any co ficer, U.S. Patent and	he public which is to file (an ninutes to complete, includir mments on the amount of ti Trademark Office, U.S. Dep	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O.

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspro.gov

APPLICATION N	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/743,176		12/22/2003	Kurt Etherington	CTS-2410		
29184	7590	10/28/2005		EXAMI	NER	
CTS CORPO			LEDYNH	LEDYNH, BOT L		
ELKHART, IN 46514				ART UNIT	PAPER NUMBER	
				2862		
				DATE MAILED: 10/28/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 6 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 6 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.